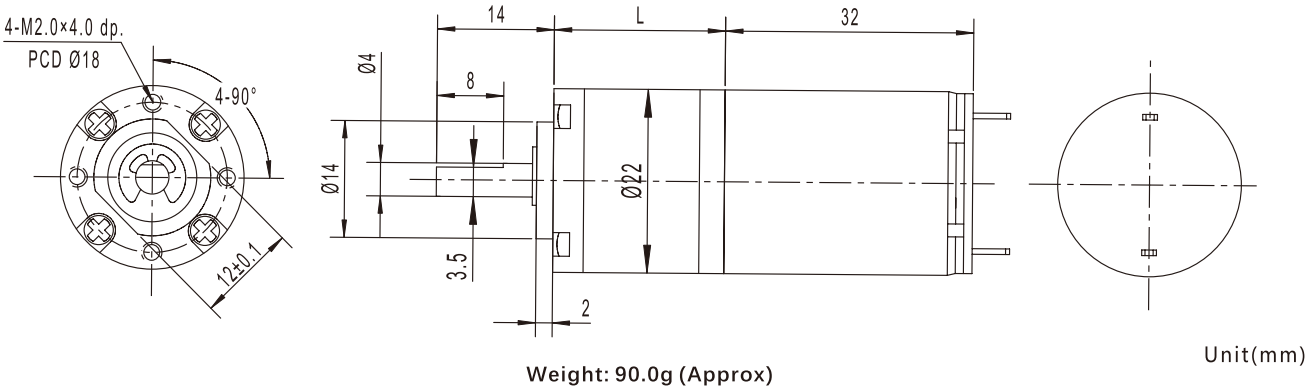


GMP22T-TDC2230

22mm gearbox plus 2230 permanent magnet DC motor



|                                                  |               |                        |                               |                                                      |        |
|--------------------------------------------------|---------------|------------------------|-------------------------------|------------------------------------------------------|--------|
| 模数 Module                                        | 0.3           |                        |                               |                                                      |        |
| 额定负载 Rated torque (kg.cm)                        | 3.0kg.cm.max  |                        |                               |                                                      |        |
| 瞬间允许力矩<br>Max momentary tolerance torque (kg.cm) | 6.0kg.cm.max  |                        |                               |                                                      |        |
| 减速比 Reduction ratio                              | 1/4<br>1/4.75 | 1/16<br>1/19<br>1/22.6 | 1/64<br>1/76<br>1/90<br>1/107 | 1/172 1/361<br>1/224 1/428.7<br>1/256 1/509<br>1/304 | 1/1024 |
| 齿轮箱减速级数 Number of gear stages                    | 1             | 2                      | 3                             | 4                                                    | 5      |
| 减速箱长度 Gearbox length L (mm)                      | 12.5          | 16                     | 19.5                          | 23                                                   | 26.5   |



减速电机技术参数 Gear Motor Technical Data

|                     |                           |      |     |     |     |     |     |     |       |      |  |
|---------------------|---------------------------|------|-----|-----|-----|-----|-----|-----|-------|------|--|
| 减速比 Reduction ratio |                           | 16   | 64  | 84  | 107 | 224 | 304 | 361 | 428.7 | 1014 |  |
| 9V                  | 空载转速 No-load speed (rpm)  | 665  | 165 | 125 | 100 | 52  | 35  | 29  | 24    | 10   |  |
|                     | 负载转速 Rated speed (rpm)    | 610  | 150 | 115 | 90  | 43  | 33  | 28  | 23    | 9.5  |  |
|                     | 负载力矩 Rated torque (kg.cm) | 0.32 | 1.0 | 1.4 | 1.7 | 3.0 | 3.0 | 3.0 | 3.0   | 3.0  |  |

单电机技术参数 Motor Technical Data

| 电机型号<br>Motor model | 额定电压<br>Rated voltage | 无 负 荷 No-load |                | 额 定 Rated    |               |                |              | 堵 转 Stall     |                |
|---------------------|-----------------------|---------------|----------------|--------------|---------------|----------------|--------------|---------------|----------------|
|                     |                       | 转 速<br>Speed  | 电 流<br>Current | 转 速<br>Speed | 力 矩<br>Torque | 电 流<br>Current | 功 率<br>Power | 力 矩<br>Torque | 电 流<br>Current |
|                     | VDC                   | r/min         | mA             | r/min        | g.cm          | mA             | W            | g.cm          | A              |
| TDC2230-09100       | 9                     | 10700         | 40             | 9800         | 30            | 450            | 3.0          | 370           | 5.2            |

